

Table SI. Occupational history of patients exposed to silica.

Group	N, number	Age, years	Inhalation of dust, years
Negative control	9	48.0±7.0	14.8±3.0
Silicosis	18	46.7±5.2	15.2±8.8
t-value			-0.181
P-value			0.858

Table SVII. Correlation analysis between lung function index and SPP1.

		VC-MAX (L)	FVC (L)	FEV 1 (L)	FEF75 (L/s)	TLC-He (L)	FRC-He (L)	RV-He (L)	TLCO SB (mmol/min/kpa)	VA (L)
SPP1	R-value	-0.45	-0.47	-0.38	-0.54	-0.58	-0.44	-0.43	-0.41	-0.59
	P-value	0.02 ^a	0.013 ^a	0.048 ^a	0.004 ^a	0.002 ^a	0.02 ^a	0.03 ^a	0.03 ^a	0.001 ^a

^aCompared with negative control group, P<0.05. SPP1, secreted phosphoprotein 1; VC, vital capacity; FVC, forced vital capacity; FEV1, forced expiratory volume in the first second; FEF75, forced expiratory flow 75; TLC, total lung capacity; FRC, functional residual capacity; RV, residual volume; TLCO SB, carbon monoxide transfer factor determined in single breath; VA, alveolar ventilation.